

App. No. 10/710,296  
Amendment dated November 17, 2005  
Reply to Office action of June 28, 2005

**Amendments to the Drawings:**

The attached drawing sheets include changes to Figs. 5A and 6-8. The sheet containing Figs. 5A-5D replaces the original sheet containing Figs. 5A-5D, wherein the radius "R" has been indicated in Fig. 5A. The sheets containing Figs. 6-8 respectively replace the original sheets containing Figs. 6-8, wherein the mark "1/Rs" has been added to the legend under the horizontal axis in the graph that each figure presents.

Attachment: Replacement Sheets  
Annotated Sheets Showing Changes

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## **REMARKS**

### ***Summary of Amendments***

In the specification, the drawing description has been amended. The amendments are based on subject matter set forth in the summary of the invention in the present specification, at paragraphs [0020]-[0023], therefore no new matter is included. In addition, the abstract has been amended to shorten it to less than 150 words, as required.

In the drawings, Figs. 5 and 6-8 have been amended.

Claims 1, 16, 17 and 24-26 have been canceled, and claims 2, 3, 5, 7, 10, 12, 14, 19 and 20-23 have been amended.

In particular, the original independent claims in this application were claims 1, 27 and 28. In the current Office action, claims 27 and 28 were allowed, and claim 1 was rejected under § 102. By the present amendment, claims 2, 3 and 7 have been written in independent form to include all the limitations of independent claim 1, from which they originally depended. Then claims 5, 10, 12, 14, 19 and 20-23 have been amended so as not to depend directly or indirectly from cancelled claim 1, and instead to depend from either claim 2, 3 or 7 as now converted into independent claims.

Accordingly, claims 2-15, 18-23, 27 and 28 remain pending and are believed to be in condition for allowance, as having been already allowed (claims 27 and 28), as having been only objected to (claims 2-4, 6-13, 15-18, 20, 23, 24 and 26), or as having been rejected as depending directly or indirectly from a rejected base claim 1 (claims 5, 14, 19, 21, 22 and 25) and thus not containing allowable subject matter because the claims only added limitations to claim 1. (Incidentally, because claim 21 depends indirectly from claim 2, not claim 1, and because claim 2 was objected to, not rejected, it is believed that claim 21 should only have been objected to, not rejected.)

### ***Drawings***

The drawings were objected to because figures 5A-5D were not labeled under the brief description of the drawings. Applicant has amended the drawing description to label Figs. 5A-5D.

The drawings themselves were objected to under 37 CFR § 1.83(a).

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Applicant has amended Fig. 5 to add the mark "R," which is the diameter of the circumferential surface to be magnetized in the case where one of the surfaces is magnetized, or which is the diameter of the outer circumferential surface in the case where both of the inner circumferential surface and the outer circumferential surface are magnetized.

Applicant has also amended Figs. 6-8 to add an indication of "surface resistance Rs."

With regard to the requirement made in the Office action that " $\Delta t$ " be shown in the drawings or the feature canceled from the claims, Applicant notes that the parameter " $\Delta t$ " indicates the time period from the start of discharging the pulse current until the current value reaches the maximum. Therefore the time period " $\Delta t$ " cannot be illustrated in the drawings. As the time period " $\Delta t$ " is explained in detail in the "Summary of the invention," paragraphs [0014]-[0015], Applicant respectfully submits that no further indication in the drawings than is already present should be necessary.

***Claim Rejections - 35 U.S.C. § 102***

Claims 1, 5, 14, 19, 21, 22 and 25 were rejected as being anticipated by Japanese Unexamined Pat. App. Pub. No. H08-223872 to Koji.

Claim 1 is rejected because the Examiner regards that Koji discloses a magnetizing method obtaining a permanent magnet for a motor by magnetizing a material to be magnetized, wherein: an attenuation body made of conductive material is arranged in contact with or close to at least one the material which is nonconductive (9), thereafter a magnetization field is impressed, surface of at least a part of magnetic flux of the magnetization field penetrates both the attenuation body and the surface in contact with or close to the attenuation body simultaneously, and the magnetization is performed by so-called pulse magnetic field which is rapidly intensified and thereafter weakened with respect to elapse of time.

Claims 5, 14, 19, 21-22 and 25 are also rejected because the Examiner regards these claims as Koji's invention.

In consideration of the Examiner's view, Applicant canceled independent claim 1 and amended the dependent claims. The amended claims 2, 3 and 7 are independent claims. The currently amended claim 2 was prior claim 2 which was not rejected in this action. The currently amended claim 3 and 7 were also prior claims 3 and 7, both of which were not rejected in this action.

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In addition, the prior art does not disclose the features of present invention. Claim 2 is identified its essential features of the surface conductivity of the attenuation body. Claim 3 is identified its essential features of the time period from the start of discharging the pulse current until the current value reaches the maximum. The claim 7 is identified its essential features of present invention of the preferable shape of the attenuation body. Koji does not disclose any of these features, and it is impossible to reach the present invention if supposing Koji.

Therefore the reasons of rejection have been overcome, about the claims 2, 3 and 7. The other claims, 4-6, 8-15 and 18-23, depend on the claims which overcame the rejection should also overcome the rejection.

#### ***Allowable Subject Matter***

Applicant gratefully acknowledges that claims 27 and 28 are allowed, and that claims 2-4, 6-13, 15-18, 20, 23, 24 and 26 were only objected to, indicating, it is believed, that these claims would be allowable if rewritten in independent form to include the limitations of rejected base claim 1, or otherwise to depend from such a rewritten claim. It is respectfully submitted that the present amendment has so rewritten the objected-to claims.

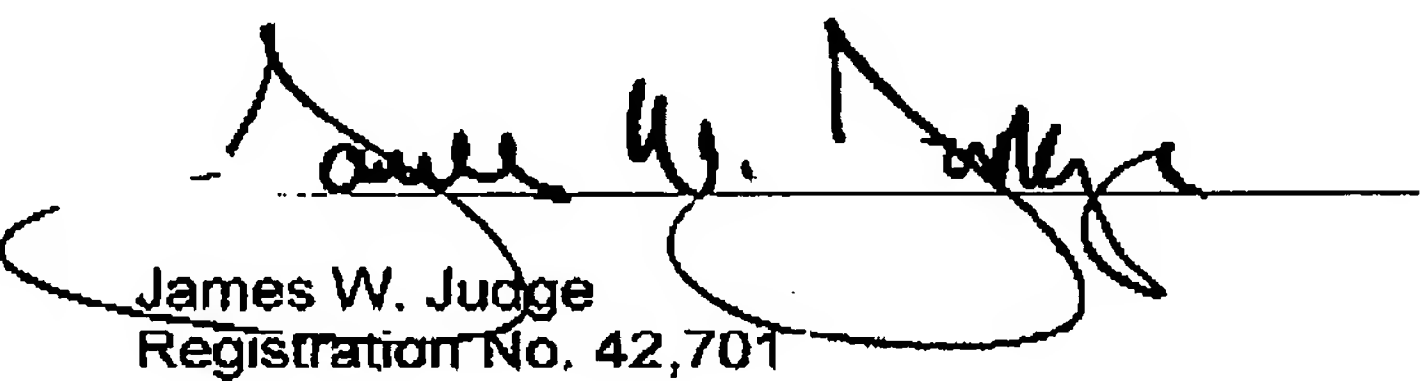
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A response to this Office Action was due by September 28, 2005, and consequently a Petition for Extension of Time, along with a credit-card payment authorization form, is attached hereto. Please consider this Amendment as timely filed.

Accordingly, Applicant courteously urges that this application is in condition for allowance. Reconsideration and withdrawal of the rejections is requested. Favorable action by the Examiner at an early date is solicited.

Respectfully submitted,

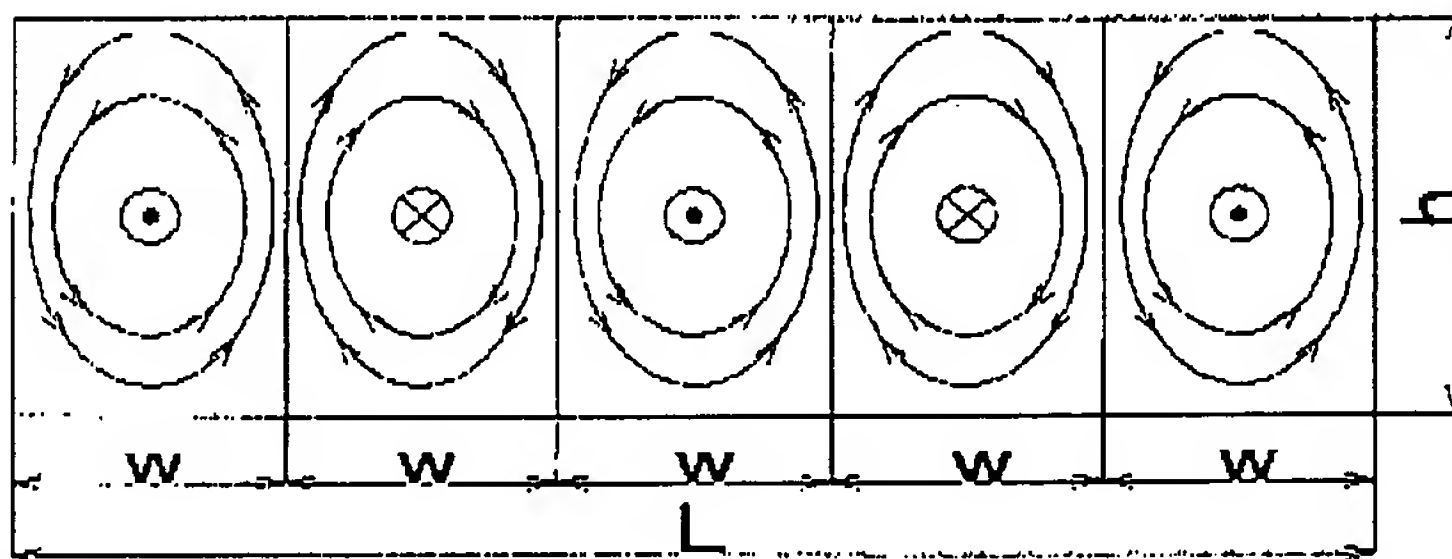
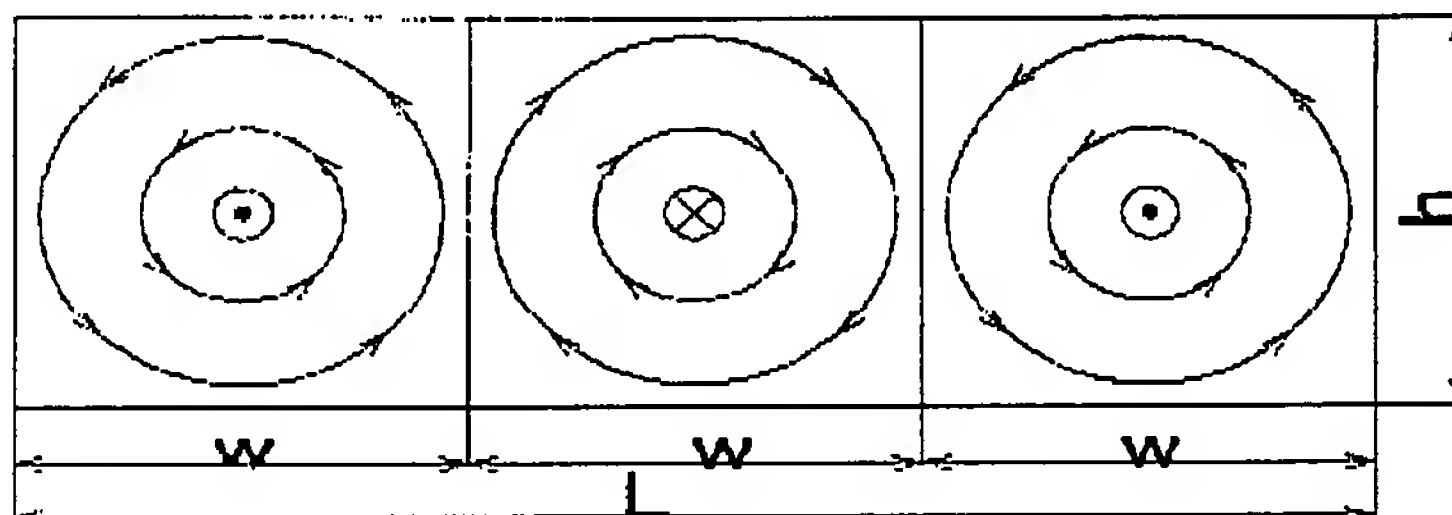
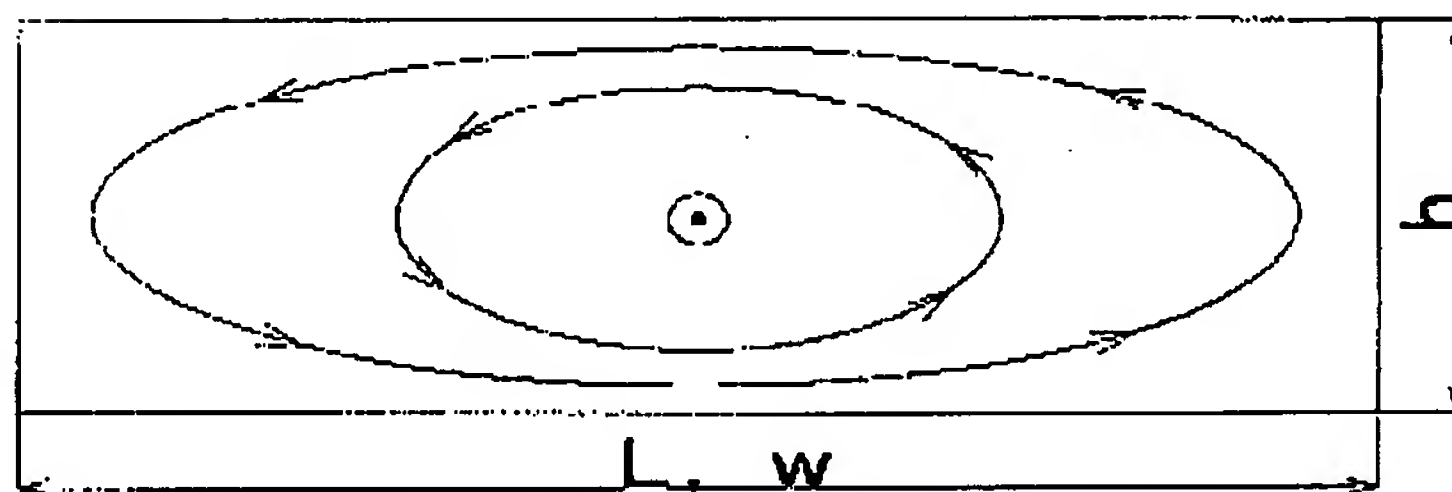
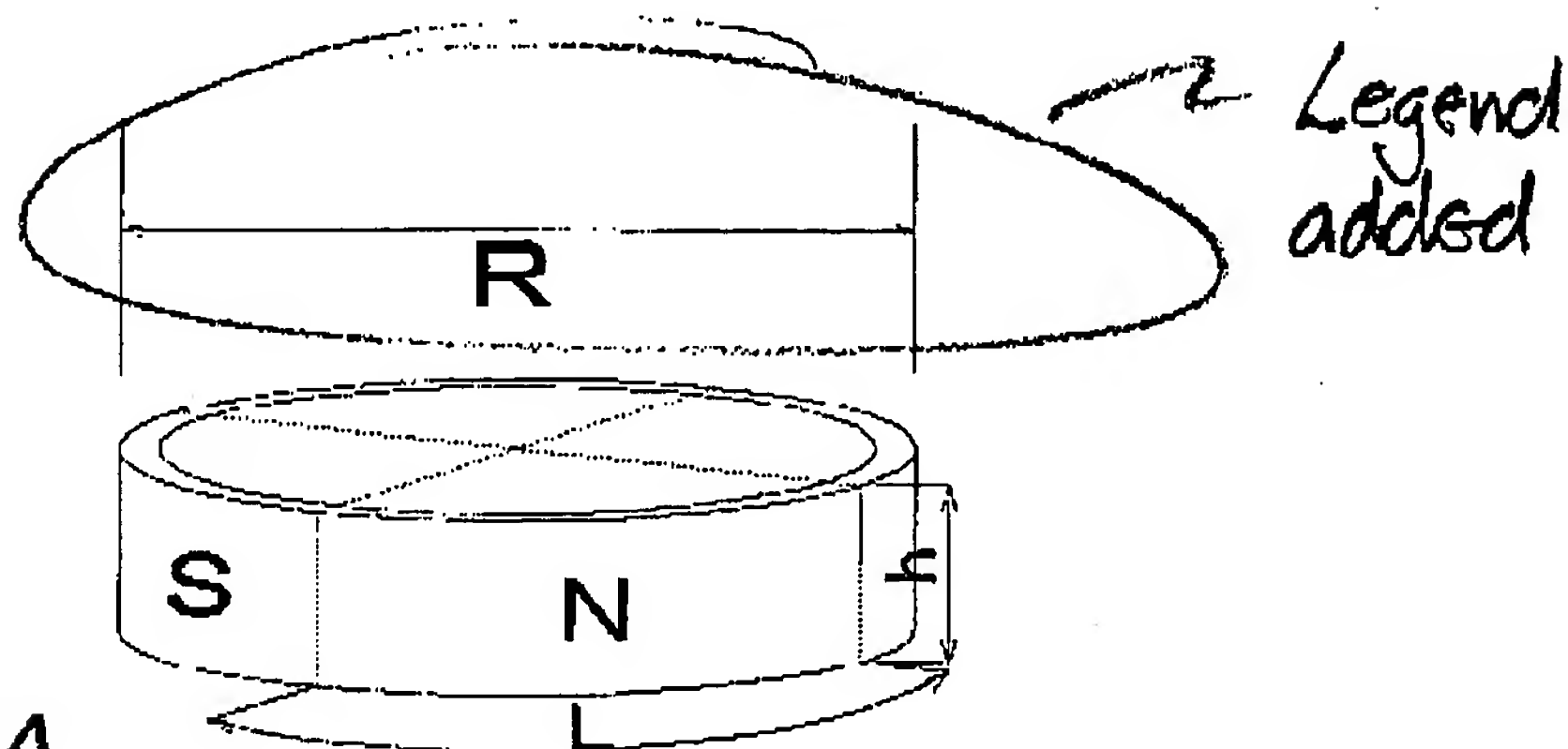
Date: Nov. 17, '05

  
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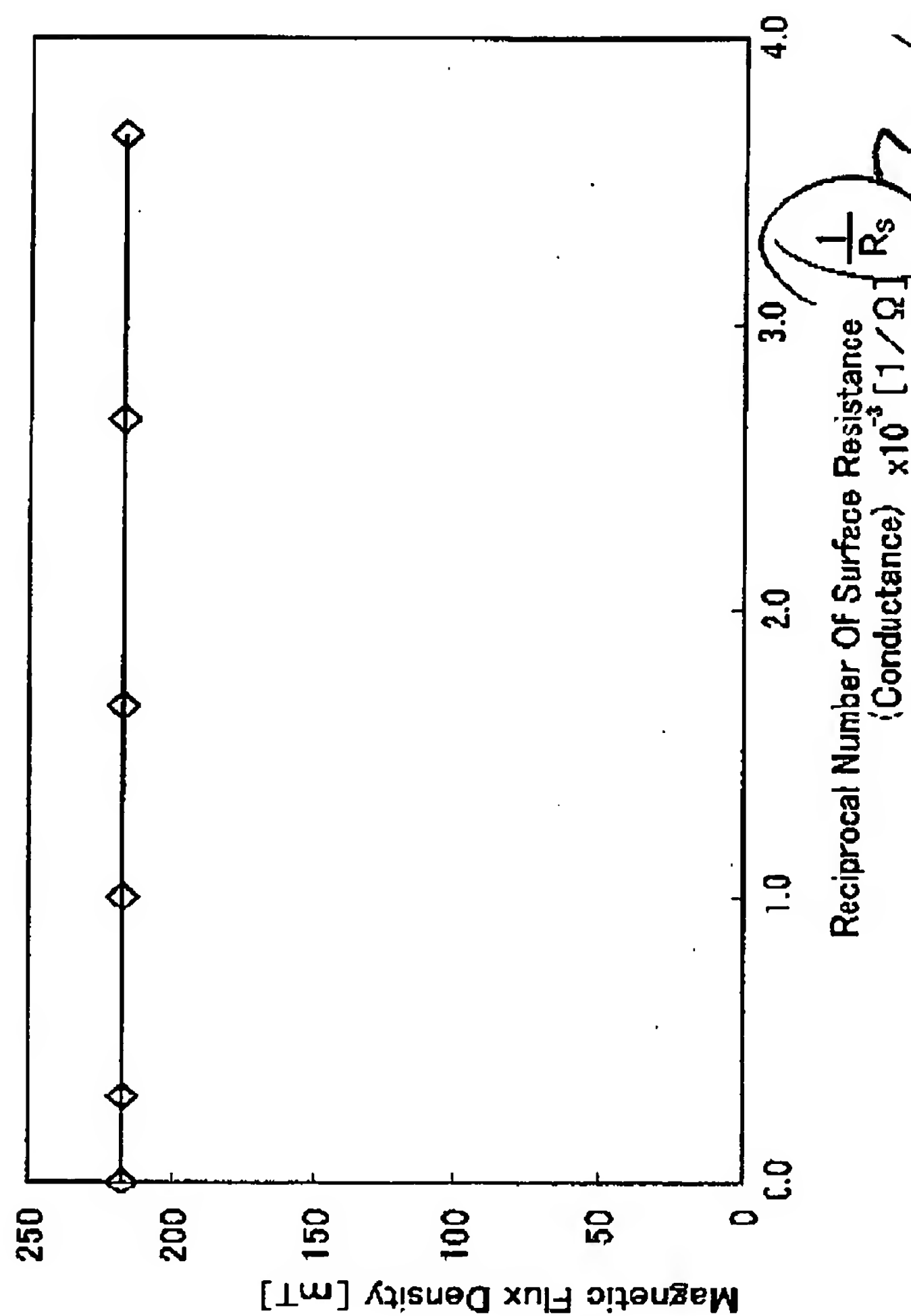
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Legend  
added

FIG. 6

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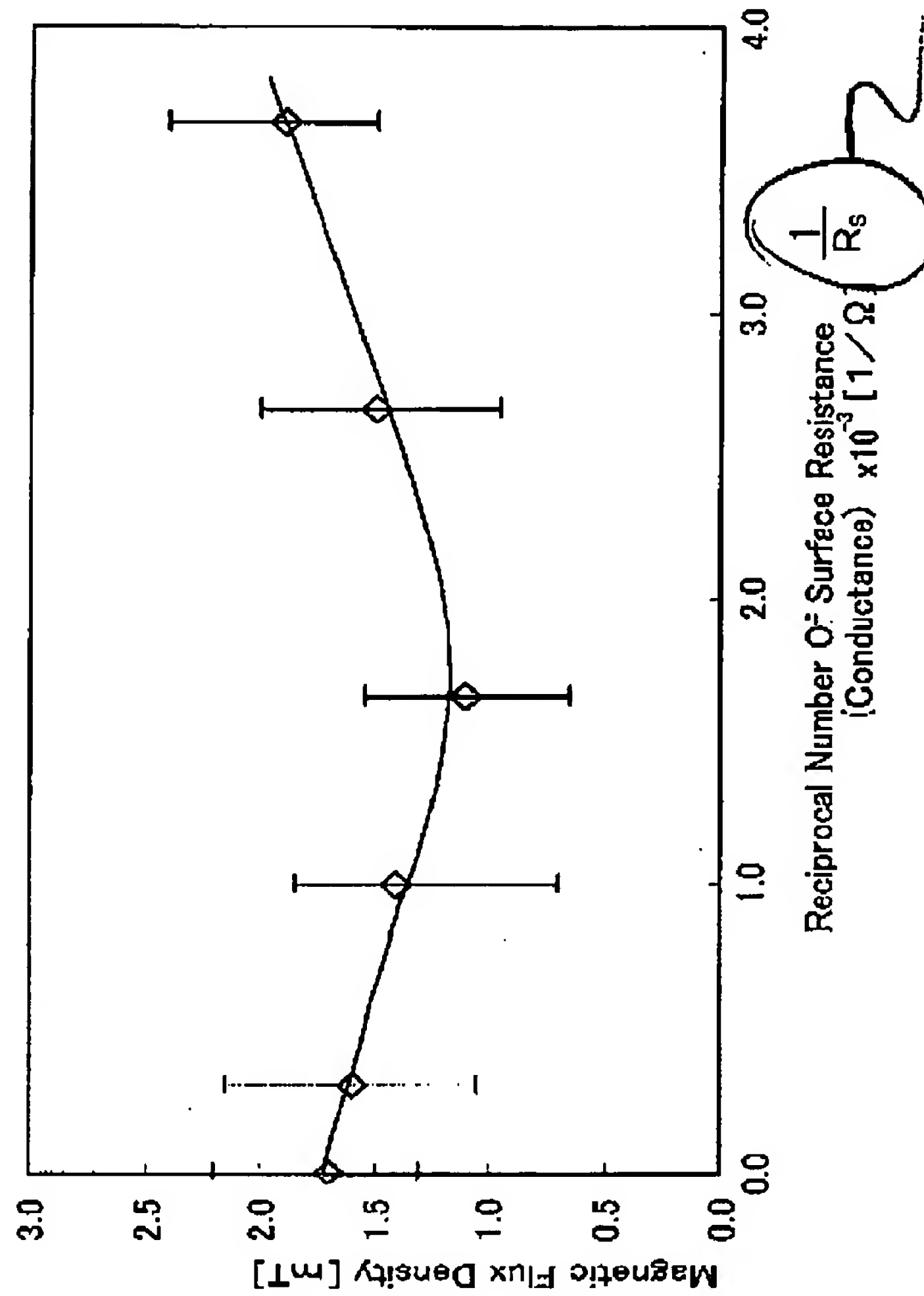
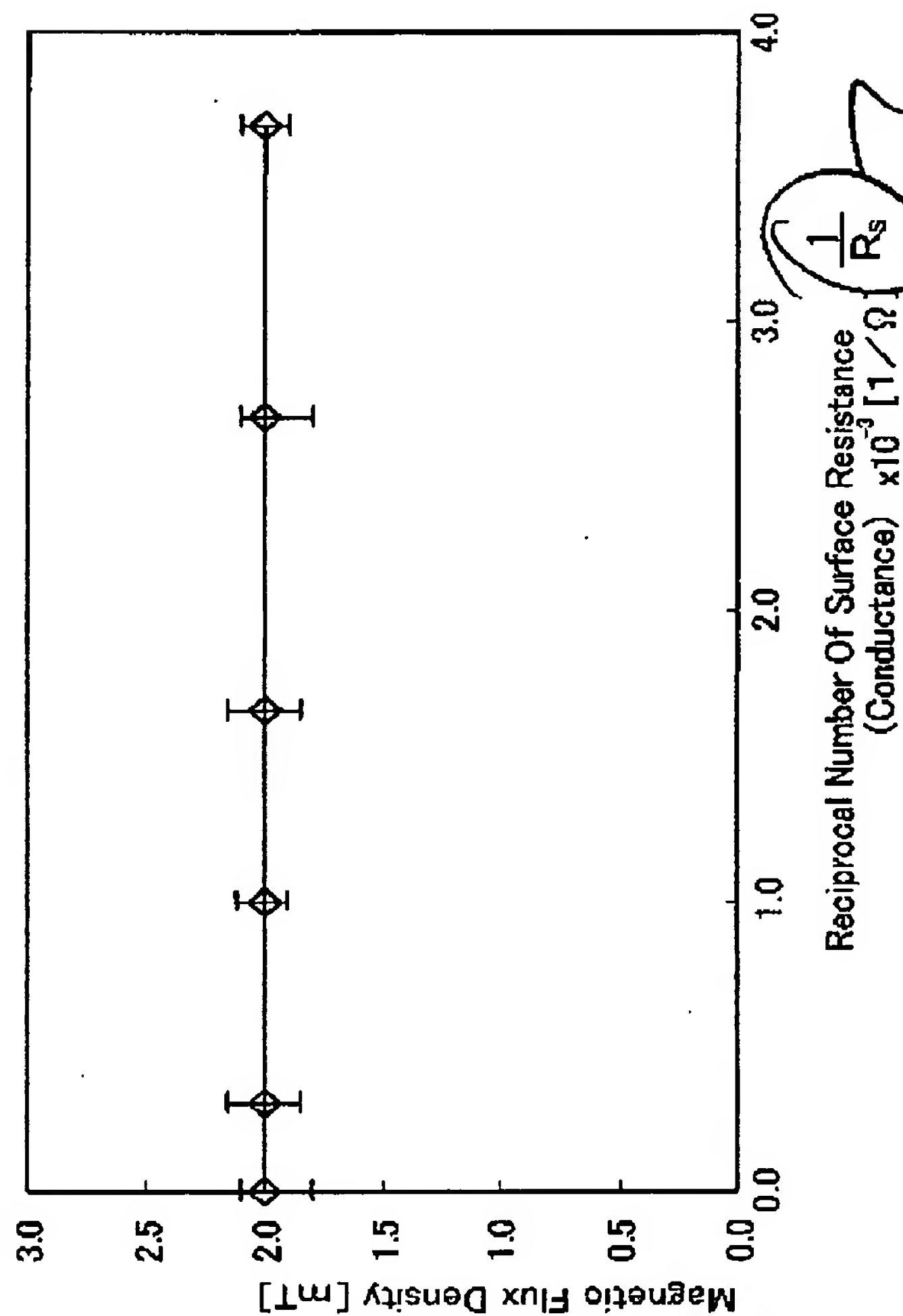


FIG. 7



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Legend  
added

FIG. 8